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Autoclave



Product View

Product Category : Autoclave/Sterilizer
 Product : Autoclave
 Model : JSAC-40 JSAC-60 JSAC-80 JSAC-100

Main Specifications

- Temp. up to 123°C
- Accuracy $\leq \pm 0.5^\circ\text{C}$ at 121.0°C
- Pressure up to 1.2kg-f/cm²
- Digital PID control with pt-100 sensor
- Fully automated sterilization cycle
- Triple safety feature

Convenience & safety

Vertical loading with service basket
 Digital PID controller precisely control set temperature within $\pm 0.5^\circ\text{C}$ and sterilization time in min : sec.
 Dual LED displays present temperature and set temp : erature or remaining time simultaneously.
 Stainless Steel 304 (AISI304) interior, lid and top to protect from corrosion by water and steam
 Incoloy heating element, provides long life, resistant to corrosion and high temperature in repeated use
 Triple safety feature for over temperature and over - pressure

For sterilization of bacteria, microorganism and virus with steamed hot air usually at 121°C, 1.2kgf/cm²

Sterilization for laboratory ware needs being sterilized before use such as flasks, bottles, pipets, animal cages, and plasticware, broth or agar media for bacterial culture or disposal of biohazard wastes such as syringe, cloth, gloves or Petri dishes.

Specifications & Ordering Information

Cat.No	Description	Size
JSAC-80	Digital pt-100 Sensor	80L
JSAC-100	Digital pt-100 Sensor	100L
JSAC-60	Digital pt-100 Sensor	60L
JSAC-40	Digital pt-100 Sensor	40L

Model	JSAC-40	JSAC-60	JSAC-80	JSAC-100
Chamber Volume (Capacity)	40L	60L	80L	100L
Temp.	Up to 123 °C			
Heating Type	Direct heating by stainless Steel incolony heater			
Range				
Accuracy	$\pm 0.5^\circ\text{C}$ at 121°C			

	Uniformity	$\pm 2.0 \text{ }^{\circ}\text{C}$ at $121\text{ }^{\circ}\text{C}$		
	Heat Up Time to $121\text{ }^{\circ}\text{C}$	Approx. 25min		
Control	Heater	2KW	3KW	4KW
	Main Controller	Digital PID Controller with Timer, Auto-Tuning, Calibration Function		
	Wait off Timer	mm:ss/hh:mm/Continuous Selectable		
	Sensor	Pt 100 Ω		
Safety Device	Temp.	Hydraulic Over Temperature Protection Safety Device		
	Electrical Pressure	Electrical Leakage Breaker Mechanical Over pressure safety valve		
Dimensions WxDxH mm	Inner	ø300XH620	ø350XH620	ø400XH620
	Outer	710X550X1160	760X630X1160	800X680X1210
	Usable	ø280XH600	ø330XH600	ø380XH600
	Basket	ø280XH280	ø330XH280	ø380XH280
Basket	Type	Stainless Steel Perforated Basket		
	# of Basket	2		
	Maximum Basket Load	2		
	Plug Type	European 220 VAC STD Plug		
	Power Consumption	10A	13A	19A
	Electrical Requirement	220 VAC 50/60 Hz or 120 VAC 60 Hz		
		3Plug		
		23A		

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